# Scotts Incident

CAMEU-006376

# INCIDENT ACTION PLAN OPERATIONAL PERIOD

**Sept 15 – 17, 2012** 0700 – 0700





		1. Incide	ent Name		2. Da	te	3. Time				
	INCIDENT OBJECTIVES		S	COTTS		9-14-12	1200				
4. Operati	onal Period										
	September 15 - 17, 2	012	0700-0	700							
5. Genera	Control Objectives for the Incident (include al	ternatives	)								
M	anagement Objectives										
	<ul> <li>Provide for Firefighter a</li> </ul>	nd Pul	olic Sat	ety							
	<ul> <li>Maintain positive comments</li> <li>the public</li> </ul>	nunico	ation a	nd relationships v	with c	ooperating ag	encies and				
	<ul> <li>Protect natural and cul</li> </ul>	tural re	esourc	es							
	<ul> <li>Maintain effective cost</li> </ul>	mano	igeme	nt while meeting	the r	needs of the inc	cident				
	<ul> <li>Provide for a safe and</li> </ul>										
C	ontrol Objectives										
	Keep fire within constru	cted li	nes								
	Noop in a will in a consider	01001	1103								
6. Weathe	r Forecast for Period										
•	Max temperature: 83 - 89° F										
•	Min humidity: 14 - 20%										
•	<ul> <li>20' WINDS: Ridges/Upper slopes: Southerly 4-12 mph</li> </ul>										
	Slope/Valley – afternoon upslope 3-6 mph, gusts to 10 mph										
7. General	Safety Message										
	Continually monitor your perso electrolyte enhanced drink is o			and symptoms	of de	hydration; wat	er to				
	Be cautious of rattlesnakes, ho			isps.							
	Drive defensively. Watch out t			•							
	,										
,	<ul> <li>Most injuries on wildland fires occur in the mop up phase. Implement your training.</li> </ul>										
8.	At	tachme	ents (ma	k if attached)							
$\boxtimes$	Organization List - ICS 203	$\boxtimes$	Safety	Message	$\boxtimes$	Shift Ticket Exam	ple				
$\boxtimes$	Div. Assignment Lists - ICS 204	$\boxtimes$	Weath	er	$\boxtimes$	Unit Log-ICS 214	1				
$\boxtimes$	Communications Plan - ICS 205	$\boxtimes$	Archae	ology Message							
	Medical Plan - ICS 206	$\boxtimes$	Fire Sup Guideli	opression Repair nes							
	d by (Planning Section Chief)			10. Approved by (Incide	ent Con	mander)					
Pan	n Linstedt			Eric Hoffmann		TH/					

ICS 203 SCOTTS INCIDENT 9/14/12 1200			
A PARTICULAR PROPERTY OF THE PARTICULAR PROPERTY			
4. OPERATIONAL PERIOD (DATE/TIME)			
5. INCIDENT COMMANDER AND STAFF 9/15/12-9/17/12 0700-0700			
POSITION NAME 9. OPERATIONS SECTION			
INCIDENT COMMANDER MIKE WINK DAY			
DEPUTY			
SAFETY OFFICER			
INFORMATION OFFICER			
LIAISON OFFICER			
6. AGENCY REPRESENTATIVES			
AGENCY NAME			
CDC ROY ULATAN 707-357-2447 DIVISION A/B/D MATT SISNEROS			
CCC DUANE WILSON DIVISION M/P/Q/Y/Z TY Labelle			
BLM JEFF TUNNELL 707- 299-8995 / GARY SHARPE			
FIRE SUPPRESSION REPAIR LUCAS TITUS (T)			
7. PLANNING SECTION			
CHIEF			
DEPUTY			
RESOURCE UNIT			
SITUATION UNIT			
DEMOBILIZATION UNIT			
DOCUMENTATION UNIT			
FIRE BEHAVIOR ANALYST			
HIRED EQUIP. TECH SPEC.			
COMPUTER TECH SPEC.			
CREW TECH SPEC.			
GIS TECHNICAL SPEC.			
GIS TECHNICAL SPEC.			
TRAINING TECH SPEC.			
INCINET ADMINISTRATOR  RESOURCE ADVISOR			
8. LOGISTICS SECTION			
CHIEF JIM ROBBINS DEPUTY			
a. SUPPORT BRANCH AIR OPERATIONS BR. DIR.			
CURPLY AND			
THE PROTECTION			
ALK SOTT ON THE STEED OF			
ODDEDING			
AIR TAINER COORDINATOR			
b. SERVICE BRANCH CHIEF			
CHE			
TATE OIL			
FOOD UNITS			
MOTEL LIMIT			
ICS 203  PREPARED BY (PLANS CHIEF) PAM LINSTEDT			



## Scotts Incident Extended Weather Forecast



**FORECAST NO:** 

NAME OF FIRE: Scotts

PREDICTION FOR: 0700-0700

**UNIT:** CA-MEU-006376

SHIFT DATE: 9/15-9/17/2012

SIGNED: Ryan Walbrun for Walbrun

TIME AND DATE

FORECAST ISSUED: 1000 9/14/2012

**Incident Meteorologist** 

WEATHER DISCUSSION: Northern California and the Scotts Incident will be under the influence of stable high pressure through the weekend and into early next week. Temperatures will still be above normal for the middle of September with dry afternoons and poor night time humidity recovery still being a concern for mop up operations and overall crew safety in terms of hydration. The predominant wind direction over the fire site will continue to be a southerly direction. The forecast will show light Southeast winds through the midday hours trending Southwest by later in the afternoons. Winds at night will be light and trend to a East to Northeast direction. Remember that much of Northern California remains under a Fuels and Fire Behavior Advisory due to critically dry fuels. Despite the absence of a significant weather trigger the combination of current fuel conditions along with continued warm and dry weather should be a Watch Out reminder to monitor the latest forecasts.

WEATHER FORECAST For Saturday/Saturday Night:

WEATHER: Mostly clear skies. Continued Warm and dry.

TEMPERATURES: Afternoon highs 84-89 degrees. Overnight lows 59-64.

HUMIDITY: 14-19% in the afternoon. Night time recovery 30%...then briefly 40% near sunrise.

20 FT WINDS:

RIDGETOP - Southerly 6-12 mph afternoon gusts 18 mph. Turning East/Northeast 3-6 mph at night.

SLOPE/VALLEY - Southerly/upslope 3-6 mph in the afternoon with gusts 8-10 mph.

Downslope 0-3 mph during the overnight hours.

STABILITY/INVERSION: Morning inversion lifting by 10 am then redeveloping after sunset.

Forecast for Sunday/Sunday Night:

WEATHER: Mostly clear. No big changes in the weather. Continued warm and dry.

TEMPERATURES: Afternoon highs on Sunday 83-88 with lows 58-64 by Monday morning.

HUMIDITY: Lowering 15-20% Sunday afternoon with poor recovery 30-40% by Monday morning.

20 FT WINDS:

RIDGETOP - Southeast 4-8 mph til midday...turning Southwest 6-12 mph afternoon gust 18 mph. East/Northeast 3-6 mph overnight.

SLOPE/VALLEY - Southerly/upslope 3-6 mph in the afternoon with gusts 8-10 mph. Downslope 0-3 mph during the overnight hours.

STABILITY/INVERSION: Morning inversion lifting by 10 am then redeveloping after sunset

#### SAFETY MESSAGE/PLAN

	2. Operational Period: Date From:09/15/2012 Date To:09/17/2012
SCOTTS INCIDENT CA-MEU-006376	Time From: 0700 Time To: 0700
3 Safety Message:	

#### Safety Message:

- Watch out for hazards and maintain your situational awareness!
- Watch out for rattlesnakes, rolling material and yellow jacket nests!
- Maintain hazard tree awareness at all times.
- Replace salts and minerals, drink two waters to every salt replacement drink.
- Pace yourself during the heat of the day. Start slowly and pick up your pace gradually until your body adjusts to the outside temperatures.
- During breaks try and find shade for rest and recovery.
- Be careful, look ahead and drive defensively.
- Drive with your headlights lights on at all times, at a speed that would allow you to stop within your sight distance.
- Maintain a safe driving speed while on the incident.

5. Prepared by: Nan	ne: Felix Berbena SOFR1	(T) Approved By Safety Officer: ** **Cotffs Collection**
ICS 208	IAP Page	Date/Time: 09/13/2012 1800 hours

	N	FNT	) I	N C	Z	INCIDENT ACTION PLAN SAFETY ANALYSIS	ANA	VSIS		Incident Name	Operat	ional P	Operational Period Date / Time	Time			
								2		SCOTTS	60	/15	09/15/12- 09/17/12	7/17	//12	0700-020	
				اد	lokouts	LCES* Analysis of Tactical Applications Lookouts Communications Escape routes Safety	lysis of cations	Tactical,	Application routes Sat	afety zones				ther Ri	Other Risk Analysis		
quo12\noisiviQ	Downhill Fireline	Underslung Fireline	Indirect Fireline Midslope Fireline		Anchor Points	Extreme Conditions (Spotting, Wind-driven)	Unburned Area	SganZ	Narrow Dusty Roads	LCES Mitigations	+ AH I noitetrogenerT	Communications	Structure Protection	Culvert Damage		Other Risk Mitigations	Γ
																	1
A/B/D							×		x	Look Outs, Escape Routes, Safety Zones	×			×	Check in	Check in & out of Division	
										Stay informed of changes,					Drive De	Drive Defensively	
										Situational Awareness, Communicate Hazards					Identify	Identify and Mark	1
																	I
M/P/Q/Y/							×		×	Brief - narrow steep roads							Τ
Supres. Repair									Х			×			Brief equipment	Brief on mechanical nent	
							ĺ										
Prepared by (Name and Position) Felix Berbena SOFR1 (T)	ed by (Name and Posit Berbena SOFR1 (T)	e and SOFR	Positio	Ĉ.	H	1	4	7	n		Date and Time:	1900	۶				
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DIVISIC	N ASSIGN	MENT LIST		1. Branc	h		2. Divisi	on/Group  A/B/D		Latitude <i>)</i>	Longitu	de
3. Incident Name				4. Opero	ational Perio	od			•			
	SCOTT	S		Do	ate: <b>9/15/</b>	12 – 9/1	7/12		Time:	0700-	0700	
5.			Op	perations	Personn	el						
Operations Chief					Branch							
Deputy												
Safety Officer					Division	Group Sup	ervisor	Matt Sisner	ros			
6.			Re	sources	Assigned	this Perio	od					
Strike Team/Task Forc Resource Designato		Leader		Number Persons	Trans. Needed	Drop C	Off PT./Tin	ne Pick	Up PT./T	ime	On Line	Off Line
STC BTU 9212C	Ron	Sonsteng		20	N	DP-	1/0800	DP DP	-1/20	00		
ENG MEU 1167	Mich	nael Aiello		3	N							
ENG MEU 1182	Eric	Bettger		3	N							
ENG MEU 1192	Carl	Logan		3	N							
ENG LNU 1471	Joe	Petersen		5	Ν							
ENG LNU 1481	Gar	rett White		3	Ν							
STG NEU 9231G	Dav	e Hurd		32	Ν							
CRW KON 1	Rior	Allbaugh		13	N		<b>\</b>		<b>\</b>			
*												
7. Control Operations								•				
Hold existing line.	Mop up 5	00 feet and p	atrol.									
8. Special Instructions												
Radio identifier will												
All resources are a												
Backhaul garbag			www.									
Maintain positive	contact v	vith public an	d local	resider	ıts.							
9.			Div	vision/Gr	oup Com	nmunicat	tion Sur	mmary				
Function	Frequency	System		nannel	913-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Function		Frequency	Syste		Char	nel
	COMMANI	INITO	151.26 159.33			Logistics			King			
Tactical Div/Group	VFIRE 24	King NIFC	154.27 154.27		A	ir to Groun	d	CDF TAC 14	King NIF		159.22 159.22	
Prepared by (Resource U	nit Ldr.)		-1	Approve	d by (Plann	ing Sect. C	h.)	Date		Time		
Ralph Gladwin	(16	$\sim$		Pam Li	nstedt	PY		9-14-2012		1200		

D	IVISION	ASSIGNMEN	NT LIST		1. Branc	h			ion/Group <b>\/P/Q/Y</b> /	Latitude	/ Longitu	de	
3. Incident Name					4. Oper	ational Perio	od						
	S	COTTS			Do	ate: <b>9/15</b> /	12 – 9/	17/12		Tim	e: <b>0700</b> -	-0700	
5.				Or		Personn		•					
Operations Chief						Branch							
Deputy													
Safety Officer						Division/	Group Sup	pervisor	Ty LaBel	le			
6.				Re	sources	 Assigned	this Peri	od					
Strike Team/Ta Resource Des			Leader		Number Persons	Trans. Needed		Off PT./Tir	ne P	ick Up PT.	/Time	On Line	Off Line
STC HUU 9122	2C	Thomas	Nix		17	N	DP-4	or 7/08	300 DF	-4 or 7	/2000		
STG HUU 9124	1G	Orlando	o Payne		34	N							
CRW KON 4		Richard	Lawler		16	N							
CRW KON 5		Kevin R	yan		15	N		*		+			
7. Control Opera	ations	•							•				
Hold existing I	line. Mo	p up 500'	and patro	ol.									
8. Special Instruction			~ ~~										
Radio identifier													
All resources													
Backhaul gar		• • • • • • • • • • • • • • • • • • • •		المحمالة		1.							
Maintain posi	itive co	ntact with	public an	ia local	residen:	īs.							
9.				Divi	sion/Gro	up Com	municat	ion Sur	nmary				
Function	Free	quency	System		annel		Function		Frequency	Syst	em	Chanr	nel
Command		DMMAND 2 1,7,12,16	King NIFC	151.265 159.330	DESCRIPTION OF THE PROPERTY OF		Logistics			Kir NIF			
Tactical Div/Group	VF	IRE 25	King NIFC	154.287 154.287		Air	to Ground	d	CDF TAC 14	Kir NIF		159.225 159.225	
Prepared by (Resou Ralph Gladwin	( )	dr.)				by (Plannii stedt		h.)	Date 9-14-2012		Time 1200		

DI	IVISION A	SSIGNME	NT LIST		1. Branc	h			ion/Group		Latitud	e/ Longitu	ıde
								Supp	ression Rep	oair			
3. Incident Name					4. Oper	ational Perio	od						
	SC	OTTS			Do	ate: <b>9/15</b> /	/12 – 9/1	17/12		Time	e: <b>070</b> 0	-0700	
5.				Op	erations	Personn	el						
Operations Chief						Branch							
Deputy													
Safety Officer						Division	/Group Sup	ervisor	Lucas Titu	ıs (T)			
6.				Re	sources	Assigned	I this Peri	od					
Strike Team/Tas Resource Desi			Leader		Number Persons	Trans. Needed	Drop (	Off PT./Tin	ne Pic	k Up PT.	/Time	On Line	Off Line
DOZ PVT E-54 W	Vylatti	Brian H	urt		1	N	TB	A/0800		TBA/20	00	ТП	
WT PVT E-96 Bee	ebe	Don Hu	ınt		1	N						$+\overline{\Box}$	
WT PVT E-97 496	ər	Dick Sc	isser		1	N							
WT PVT E-98 49	er	Bob Me	ergl		1	N							
WT PVT E-99 496	er	Jess Sa	nder		1	N							
WT PVT E-100 Big	g R	Richard	d Garrett		1	N							
WT PVT E-105 M	arymee	Jack M	larymee		1	N							
WT PVT E-154 Le	enahans	Dee Ho	olmes		1	N							
WT PVT E-161Ler	nahans	Chuck	Hughes		1	N						$\dagger \overline{\Box}$	$\overline{\Box}$
GRD PVT E-227 I	Parmeter	Wes Pa	ırmeter		1	N						$\dagger \overline{\Box}$	$\overline{\sqcap}$
EXC PVT E-216 Giacomini Grant Yates 1 N								司					
EXC PVT E-217	Oferrall	Travis C	ferrall		1	N						$\dagger \overline{\Box} \dagger$	ᆔ
DOZB		Angelo	Prandini		1	N	,	,		$\downarrow$			ᆔ
													ᆔ
													Ħ
7. Control Opera	tions							1					
Repair damag	ge cause	d by sup	opression o	activities	and m	itigate p	oossible	adve	se effects	of san	ne.		
8. Special Instruct	tions												
All resources o		our shift.											
Notify Division	Superviso	or when	entering o	and leav	ing Div	isions.							
Backhaul garb			•		0		h jublid	c and	local reside	ents.			
9.			7				municati						
Function	Freque	ency	System	Cha			Function	4.1 sept 1	Frequency	Syste	m	Chann	el
Command	CDF COM TONES 1,		King NIFC	151.2650 159.3300	- 11		Logistics			King NIF			
Tactical Div/Group	VTAC	14	King NIFC	159.4725		Air	to Ground		CDF TAC 14	King		159.2250	
Prepared by (Resour	rce Unit Ldr.)		Approved by	y (Planning	Sect. Ch.)			6001160025	Date		Time		
Ralph Gladwin	VC		Pam Linste	edt	ON				0_14_2012		1200		

	CICAG TINECICIAL	CICAGE	Incident Name			Date/Time Prepared		Operation	Operational Period Date/Time
	COMMUNICA	COMMUNICATIONS PLAN		SCOTTS		9/14/2012 1300	300		9/15/12 - 9/17/12 0700 - 0700
ნ #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks
_	Command	CDF C2	All Divisions	151.2650 N	103.5 (8)	159.3300 N	110.9 (1)	A	Tone 1
7	Command	CDF C2	All Divisions	151.2650 N	103.5 (8)	159.3300 N	167.9 (7)	∢	Tone 7
က	Command	CDF C2	All Divisions	151.2650 N	103.5 (8)	159.3300 N	192.8 (16)	⋖	Tone 16
4	Command	CDF C2	All Divisions	151.2650 N	103.5 (8)	159.3300 N	127.3 (12)	4	Tone 12
2									
9									
7									
8									
6	Tactical	VFIRE 24	Div A/B/D	154.2725 N		154.2725 N	156.7 (6)	٨	
10	Tactical	VTAC 14	All Divisions	159.4725 N		159.4725 N	156.7 (6)	∢	Fire Suppression Repair
11									
12	Tactical	VFIRE 25	Div M/P/Q/Y/Z	154.2875 N		154.2875 N	156.7 (6)	٧	
13									
14	Air to Ground	CDF Tac 14	All Divisions	159.2250 N	192.8 (16)	159.2250 N	192.8 (16)		
15	EMS	CALCORD	All Divisions	156.0750 N		156.0750 N		4	EMS on Incident
16	Emergency	Air Guard	All Divisions	168.6250 N		168.6250 N	110.9 (1)	4	EMERGENCIES ONLY
17									
18									
19		/							
20	Emergency	Air, Guard	All Divisions	168.6250 N		168.6250 N	110.9 (1)	A	EMERGENCIES ONLY
Prep	Prepared By (Communications Unit)	ions Unit)			Incident Location	uc			
	Male K. S	Elman Co	COML		County Lake	State CA Latitude	N Lo	N Longitude	W
	" 1)								

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NFES 1330

MEDICAL PLA		INCIDENT		2. DAT PREPA 9/13		3. TIME PREPARED 1700		15/201	ONAL PER 2 – 9/17/2 00-0700	
			5. INCIDENT MEDI	CAL AID	STATION	IS				
MEDICAL AID ST	ATIONS				LOCATI	10-10-10-10-1			Nu	rse
									YES	NO
			6. TRANSF							
			A. AMBULAN		VICES					
NAME			LOC	ATION		F	PHONE		PARAM YES	NO NO
CAL STAR ( AIR)		Ukia	h			800-	252-50	50	X	INO
Reach (AIR)		Lake					338-40		X	
Lakeport Fire Dept.		Lake				707-	263-43	96	X	
Kelseyville Ambulance			eyville			707-	279-42	68	X	
		<b>-</b>	B. INCIDENT	AMBIII A	NCES					
		T	D. INCIDENT	AMBOLA						45DIOO
NAME					LOCATI	ION			PARAM YES	NO
			7. HOS	PITALS						
NAME		ADDRI	ESS	TRAV	EL TIME	PHONE	HELI	PAD	BURN C	ENTER
Med Net Channel				AIR	GRND	1	YES	NO	YES	NO
Sutter Lakeside Hospital	5176 Hill	Rd. East	Lakeport	2	15	707-262-5000	X			
Santa Rosa Memorial	1165 Mar	ntgomery 1	Duize	20	90	707-546-3210	X			
Santa Rosa Memoriai	1103 10101	ntgomery	Drive	20	90	707-340-3210	Λ			
UC Davis Med Center	25	150	916-734-2011	X		X				
St.Helena Clearlake	15630 18	<sup>th</sup> Avenue	Clearlake,CA	15	35	707-994-6486	X			
		8.	MEDICAL EMERG	ENCY PI	ROCEDUR	RES				
Communications U     Ground     Coperati     Safety     A Medica     Division Supervise run medical emerg     A pre-a should     Communications U traffic as needed and tra	pervisor conta EMS resource unications Unit Juit contacts: or Air ambula ons  I Unit or or designee ency on assign ssigned tactica be used for IW Juit will clear and only for dur ent complaint/ acident: ts: uications	wisor with paracts: e t ance as requested channel. al frequency l' and only for command channel command channel.	point of contact and (i.e. CALCORD) or duration of need. annuel for emergency d.	LOC POIN TRA POIN LAT PATI IS AI AGE SEX:	URE OF ATION OF OF OF PICENT UN EMT WEMT WEMT WEMT WEMT WEMT WEMT WEMT	URY REPORTING INJURY DF PATIENT ONTACT TATION REQUEST CKUP LONG IT ID WITH PATIENT: Y TEMALE  MERGENCIE didentify with gation. Keep even	ESSnesses	:AIR	ground	ND_ 
	PARED BY:	(Medical U	nit Leader			10. REVIEWED B	Y: (Safe	ty Office	er)_	
(Rev 03/12) ==	Ough					Kenth	1/2/	1/100		
Fred	Orsborn					" until	all	1		

### Archaeological and Historic Properties: Fireline Guidance for the Scotts Creek Fire Lake County

Do not compromise safety for the protection and preservation of archaeological and historic properties. When possible and prudent:

- 1. Be on the lookout for prehistoric and historic archaeological sites. These sites typically occur adjacent to streams and springs but can occur in other areas as well. The most common indicators of prehistoric sites in this area are scatters of shiny black obsidian flakes from tool making activities and dark midden soils. Historic sites include homesteads that contain foundations, rock chimneys, and stone / brick-lined wells. Historic mining sites are possible as well.
- 2. Known sites will be flagged with red plastic flagging tape. Note, that much of the area has never been surveyed for archaeological resources and many sites out there have yet to be discovered.
- 3. If you observe archaeological resources, flagged or unflagged, attempt to avoid with ground disturbing activities altogether.
- 4. If avoidance is not possible, minimize ground disturbance. Use a hand crew rather than a dozer to remove fuels from control lines that must cross site areas if possible.
- 5. Leave all artifacts in place as some may have been intentionally placed for religious or ceremonial reasons.
- 6. Note locations of discovered resources on a map. Better yet take site coordinates with a GPS. Leave information for the archaeologist with the Plans Unit so that the sites can be relocated and protected during Fire Suppression Repair. Flag the site in red if possible.
- 7. If you encounter a burial or other human remains, cease work in that area and contact the archaeologist immediately.

Your help preserving California's non-renewable cultural resources is appreciated.

Richard Jenkins CAL FIRE Northern Region Archaeologist Cell Phone: (530) 949-8822

Christopher Lloyd BLM Ukiah Field Office Archaeologist Office Phone: (707) 468-4075

### "Scotts" Incident Fire Suppression Repair Plan

#### I. Objectives

The objective of the Suppression Repair Plan is to mitigate possible adverse effects to resources resulting from fire suppression activities on the Scotts Fire in a manner which does not compromise firefighter safety. The mitigations described within this plan have been developed to apply to constructed fire lines, watercourse crossings, access roads, drop points, heli-spots and any other locations disturbed by fire suppression activities. A Repair Specialist will be assigned to ensure that work is done as required and according to the Emergency Fire Suppression Repair Plan. Additional specialists or equipment may be used if the need arises. Specialists will release equipment from the area when their work is completed.

#### II. General Repair Guidelines

#### A. Helispots/Staging Areas/Safety Zones

- 1) Re-contour to the original slope as requested by the Repair Specialist.
- 2) Remove soil, and/or breach berms so that runoff can be dissipated. Cross drain these areas to effectively dissipate water runoff.
- 3) Place disturbed vegetation, brush and trees, piled during line construction, on the surface of safety zones and open areas. This may be done with equipment or hand crews.

#### B. Roads

- 1) Re-establish existing berms where applicable.
- 2) Breach berms to facilitate drainage, where applicable.
- 3) Clean culverts plugged with soil and rock resulting from fire suppression actives.
- 4) Blading or grading of roads may be necessary.

#### C. Firelines; Hand and Dozer

Install waterbars as needed. Waterbars are designed to intercept, slow and spread the precipitation run-off in order to reduce sediment transport and soil erosion. The idea is to move water off the fireline before it can build up enough energy to erode and transport sediment. Re-establish waterbars and rolling dips using prefire locations. Flatten berms along fire lines to match natural contours. Utilize cut vegetation for erosion control on steep dozer and hand lines.

Water Bar or cross drain spacing				
Fireline or Road Gradient (%) Spacing	0-10%	11-25%	26-50%	>50%
	200'	150'	100'	75'

#### D. Watercourses

- 1) Watercourse crossings shall be dipped to original configuration. Waterbreaks shall be installed on each side of channel to divert flow off of trails prior to entering watercourse channel.
- 2) Remove all soil and debris that was placed in any stream channel. A Repair Specialist will review the site for acceptability. If all foreign material cannot be removed with heavy equipment, the material shall be removed by hand. The approaches to the crossing may be sloped back to prevent future stream bank failure.

#### E. Other Repair Concerns

- 1) Remove all trash from fire lines and other affected areas.
- 2) Repair, broken, damaged fences, and/or gates damaged as the result of the fire control operations will be repaired. (Note: Extent and condition of damage should be documented prior to repairs.)

Prepared by: Lu 1.

Len Nielson, Emergency Fire Line Repair Technical Specialist

# Shift Ticket Examples

		EMERGE	NCY SHIF	TICKET and E	VALUATION	ODM		Tour					
1								Contra	actor Name				
Incident or Proj	act Name	The resp	onsible Governi	nent Officer will comp	lete this form each s	700			Fireline	Builde	ers		
modelli or rio		cott		Incident Number	1000070	Request Numb		Opera	tor #1	Operato	r #2		
		3011		CAME	J006376	E or	S # Here		John Smith		Joe Smith		
Agreement Nur	nber								Operator Fu	ırnished	By:		
		Ob	tain fron	vendor's a	agreement	t		X	Contractor		Government		
Equipment Mak	ie.			Equipment	Model / Type			$\top$	Operating Suppli				
		CAT				D6H		X	Contractor				
Serial Number				Licence Nur	mber			+^			Government		
	61	N3344						-	Equipme	nt Status	S		
	-			quipment Use				Х	Inspected	X	Under Agreement		
Date	T	Γ	· · · · ·	(Circle)	Hauss I De	/ 141		_	Released by Government				
Mo / Day	Start	Stop	Work	(Circle)		ys / Miles	i	_	Withdrawn by Contractor				
-		Олор	VVOIK		Assig	nment		Rem	arks/Comments **				
8/17	0600	2400	16		Divis	sion B			2 Ope	rat	ore		
8/18	0001	0600	8		Divis	sion B		7	_				
								1	24 hou	ır s	hift		
				/endor Rating				Govt. F	Rep. Name and Position - PRINT	- ALONG			
			Po	or* Avg.	Good	Exc.	N/A	1	Steve Smith				
	nance Expe			_ \/-	\/a = d = = D = 1.				Govt. Rep. Signature				
Equipment	in Safe Wor	king Condition	on	ve	Vendor Rating —				Steve Smith				
Operator SI	kill Level							Contractor Signature					
Operates S	afely			mı	ıst be	don	ρ	1	Bob Smith				
Operator's (	Cooperation	Level				aon	C	-	0003				
Overall Per		LCVCI	_	<del></del> .			-	Date	2270200	Time			
		* NI	OTE: Any s	tine of DOOD					09/09/12		0600		
		**Final	evaluation	or for more des	equires an exp	lanation in (	Comment Section	1.			CALFIRE 297		
Pink -	Finance	i illal	Blue - Hom	e Unit HE Coord	dinator, us		rm 230 or equiva	lent.			(Rev 3-2011)		
				11L 00010	aniatoi	i ello	w - vendor		White - Govt Repre	esentativ	ve		

			-			_			
			NCY SHIFT	Contractor Name					
		The respo	onsible Governm	Fireline Builders					
Incident or Proje				Incident Number	Request Number	Operat	or #1	Operat	tor#2
		otts		CAMEU 006376	E or S # Here	John Smith			
Agreement Nun	nber			Operator Furnished By:					
		Obt	tain from	Х	Contractor		Government		
Equipment Mak				Equipment Model / Type	quipment Model / Type		Operating Supplie	s Furr	
CAT					D6H		Contractor		Government
Serial Number				Licence Number	Licence Number		X Contractor Government  Equipment Status		
6LN3344						X	Inspected	X	Under Agreement
			E	quipment Use	nent Use		Released by Government		Jonder Agreement
Date				(Circle) Hours / Days / Miles			Withdrawn by Contractor		
Mo / Day	Start	Stop	Work	Assignment Remarks/Comments				200000	
8/17	0001	0600	6		¥				
				Off	Off Shift			ra	tor
8/17	0600	1800	12	Divis					
8/17	1800	2400	6	Off	Off Shift			rs	shift
				Govt. R	ep. Name and Position - PRINT	Y-PATE			
Poor*				oor* Avg. Good	Avg. Good Exc. N/A		Steve Smith		
Met Perform	nance Exped	ctations		1/ 1		Govt. R	ep. Signature		
Equipment in Safe Working Condition				_ Vendor i	Vendor Rating —		Steve Smith		
Operator Skill Level					0	Contrac	tor Signature		
Operates Safely				_ must be	must be done. —		Bob Smith		
Operator's Cooperation Level							Date Time		
Overall Performance						1	09/09/12		1800
		* N	OTE: Any ra	ating of POOR requires an expl	anation in Comment Section	1.	00,00,12		CALFIRE 297
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent									(Rev 3-2011)
FIIIK -	rmance		Blue - Hom	e Unit HE Coordinator	Yellow - Vendor		White - Govt Repre	senta	

נאט	T LOG ICS 214	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
JNIT NAME/DE	SIGNATOR	5. UNIT LEADER (NAME AND POSI	TTION)	6. OPERATIONAL PERIOD
		PERSONNEL ROSTER AS	SIGNED	
	NAME	ICS POSITION		HOME BASE
		CTIVITY I OC (CONTINUE O		
TIME	A	CTIVITY LOG (CONTINUE C		
IIIIL		PASOREV		
			· · · · · · · · · · · · · · · · · · ·	
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TIME	MAJOR EVENTS
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	PREPARED BY (NAME AND POSITION)
214 ICS	